

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

1

of

2

Complete if Known

Application Number

Filing Date

First Named Inventor

Norman Rice

Art Unit

Examiner Name

Attorney Docket Number

115243.00005

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
MC		US- 3619072	11/09/1971	O'Hara et al.	cl/pat
		US- 4402211	09/06/1983	Sugawara et al.	
		US- 4502320	03/05/1985	Sakai et al.	
		US- 4506960	03/26/1985	Waggoner et al.	
		US- 4625923	12/02/1986	Fishgal, Semyon	
		US- 4925627	05/15/1990	Johnson, Gerald K.	
		US- 4961845	10/09/1990	Dawson et al.	
		US- 5071527	12/10/1991	Kauffman	
		US- 5194910	03/16/1993	Kirkpatrick et al.	
		US- 5210704	05/11/1993	Husseiny	
		US- 5271263	12/21/1993	Gibeault	
		US- 5313824	05/24/1994	Herguth et al.	
		US- 5377531	01/03/1995	Gomm, Nelson R.	
		US- 5506501	04/09/1996	Fogel et al.	
		US- 5508624	04/16/1996	Chon et al.	
		US- 5517427	05/14/1996	Joyce	
		US- 5531129	07/02/1996	Thornton et al.	
MC		US- 5572320	11/05/1996	Reintjes et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
MC		WO 10/20323	03/2001	Bensch et al.		
MC		JP 0104859-A	02/1989	none		

Examiner
SignatureDate
Considered

21 MAY 2004

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

2

of

2

Complete if Known

Application Number

Filing Date

First Named Inventor

Norman Rice

Art Unit

Examiner Name

Attorney Docket Number


115243.00005

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
me		US- 5586161	12/17/1996	Russell et al.	ch. 1 sub. 1
		US- 5604441	02/18/1997	Freese, V et al.	
		US- 5614830	03/25/1997	Dickert et al.	
		US- 5659126	08/19/1997	Farber	
		US- 5674401	10/07/1997	Dickert et al.	
		US- 5691706	11/25/1997	Butler et al.	
		US- 5739916	04/14/1998	Englehaupt	
		US- 5754055	05/19/1998	McAdoo et al.	
		US- 5811664	09/22/1998	Whittington et al.	
		US- 5824889	10/20/1998	Park et al.	
		US- 5834642	11/10/1998	Decain et al.	
		US- 5852404	12/22/1998	Amini	
		US- 5817928	10/06/1998	Garvey, III et al.	
		US- 5889683	03/30/1999	Ismail et al.	
		US- 5936715	08/10/1999	Shapanus et al.	
MC		US- 6085576	07/11/2000	Sunshine et al.	
		US-			
		US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶

Examiner
Signature

Date
Considered

21 May 2004

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.